Department: Mathematics   Course: Algebra 2/College Algebra   2016-2017

WORDS	Basic Definition	Comprehension Support
coefficient	The numerical factor in a term	
evaluate	To substitute a number for each variable in the expression, then simplify	
solve	To find the numerical value for a variable	
variable	A symbol, usually a letter, that represents one or more numbers	
term	A number, a variable, or the product of numbers and one or more variables	
expression	A collection of terms that does NOT contain an equal sign	
function	A relation in which each element of the domain corresponds with exactly one element in the range	
domain	The set of all inputs, or x-coordinates, of the ordered pairs	
range	The set of all outputs, or y-coordinates, of the ordered pairs	
vertex	A point where the function reaches a maximum or minimum value	
inequality	A relationship in which two quantities may not be equal	
Dependent system	A system of equations that does not have a unique solution	

Independent system	A system of linear equations that has a unique solution	
Inconsistent system	A system of equations that has no solution	
constraint	Restrictions on the variables of the objective function in a linear programming problem	
polynomial	A monomial or sum of monomials	
index	With a radical sign, the index indicates the degree of the root	
radical	A root	
rational	fraction	
Root or zero	The input value for which the value of the function is zero	
exponent	powers	
logarithm	The logarithm base b or a positive number x is defined as follows: $\log_b x = y$, if and only if $x = b^y$	
asymptote	A line that a graph approaches as x or y increases in absolute value	
sequence	An ordered list of numbers	
series	The sum of the terms of a sequence	
Conic section	A curve formed by the intersection of a plane and a double cone	